PRIOR ART

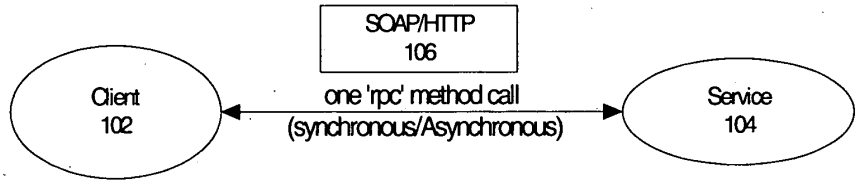


Fig. 1

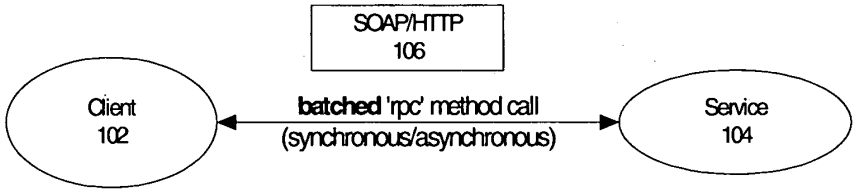
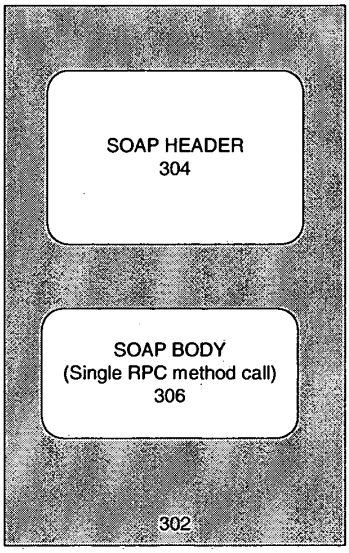


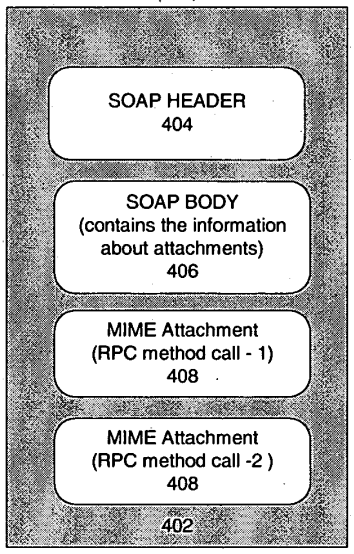
Fig. 2

PRIOR ART



SOAP 1.2 protocol stack (single message exchanage pattern)
300

Fig. 3



Proposed SOAP 1.2 protocol stack for batched method calls
400

Fig. 4

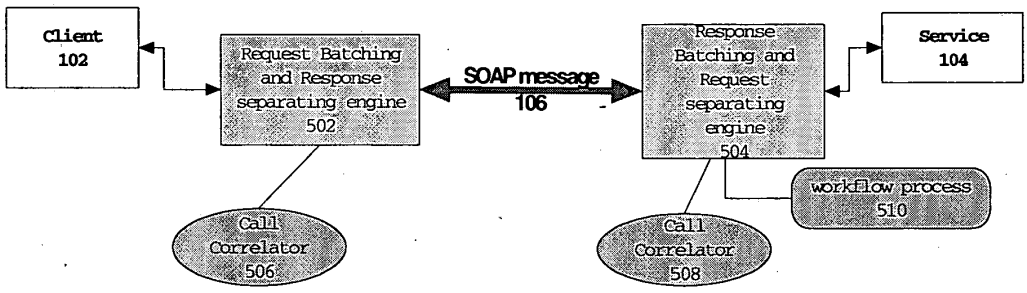


Fig. 5

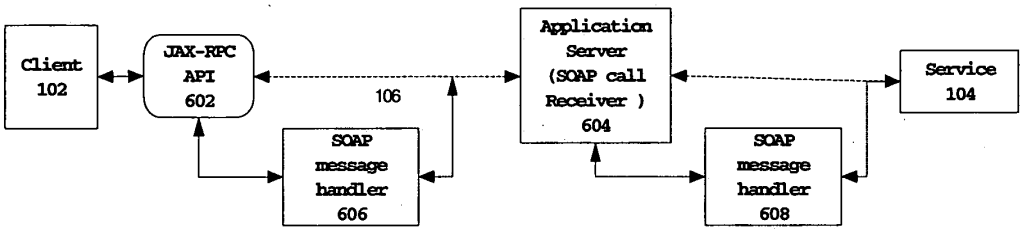

Client
102
JAX-RPC
API
602
106
SOAP
message
handler
606
Application
Server
(SOAP call
Receiver)
604
SOAP
message
handler
608
Service
104

Fig. 6

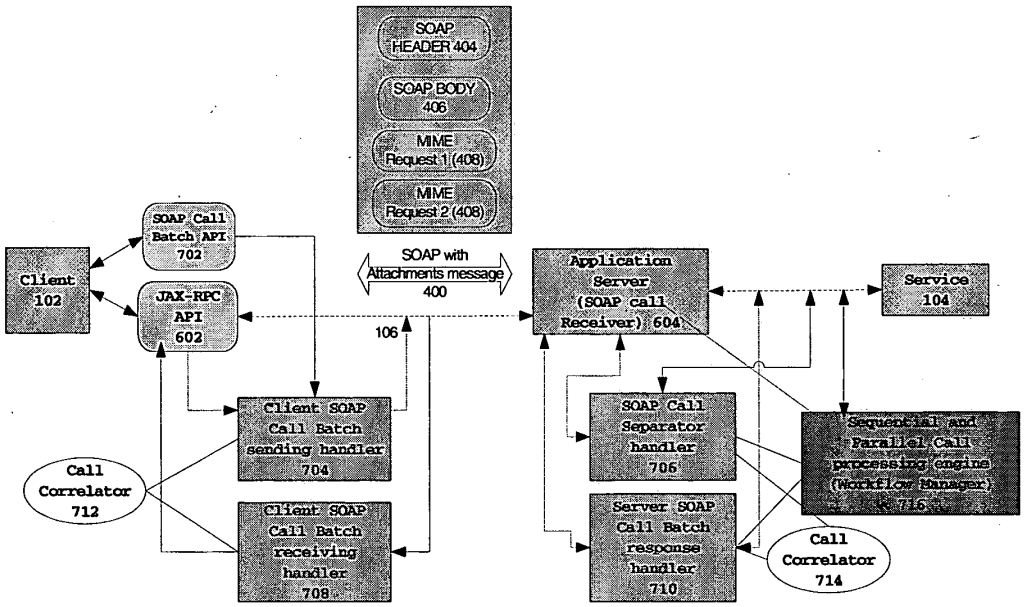

SOAP
HEADER 404
SOAP BODY
406
MIME
Request 1 (408)
MIME
Request 2 (408)
SOAP with
Attachments message
400
Client
102
SOAP Call
Batch API
702
JAX-RPC
API
602
106
Application
Server
(SOAP call
Receiver) 604
Service
104
Client SOAP
Call Batch
sending handler
704
Call
Correlator
712
Client SOAP
Call Batch
receiving
handler
708
SOAP Call
Separator
handler
706
Sequential and
Parallel Call
processing engine
(Workflow Manager)
715
Server SOAP
Call Batch
response
handler
710
Call
Correlator
714

Fig. 7